

IN THE CLAIMS

Please amend the claims as follows:

1. (PREVIOUSLY PRESENTED) A portable heating pack comprising:

a supercorroding metallic alloy powder disposed within said portable heating pack, said supercorroding metallic alloy powder producing heat and gaseous hydrogen upon contacting a corroding liquid;

means a hydrogen storage material for absorbing and storing said gaseous hydrogen and/or an oxide material for consuming said gaseous hydrogen via a reduction reaction ~~for consuming and/or storing said gaseous hydrogen~~ in gaseous communication with said supercorroding metallic alloy powder; and

means for contacting said supercorroding metallic alloy powder with a corroding liquid.

2. (ORIGINAL) The portable heating pack according to claim 1, wherein said portable heating pack further comprises means for conducting heat produced within said portable heating pack to the exterior of said portable heating pack.

3. (ORIGINAL) The portable heating pack according to claim 1, wherein said supercorroding metallic alloy is a magnesium-iron alloy.

4. (CANCELED)

5. (CANCELED)

6. (CANCELED)

7. (CURRENTLY AMENDED) The portable heating pack according to claim ~~4~~ 1, wherein said hydrogen storage material is intimately mixed with said supercorroding metallic alloy.

8. (CANCELED)

9. (CURRENTLY AMENDED) The portable heating pack according to claim ~~4~~ 1, wherein said hydrogen storage material is selected from AB, A_2B , AB_2 , or AB_3 type alloys.

10. (CURRENTLY AMENDED) The portable heating pack according to claim ~~4~~ 1, wherein said hydrogen storage material is selected from Mg alloy systems, Mg-Ni alloy systems, Mg-Cu alloy systems, Ti-Fe alloy systems, Ti-Mn alloy systems, Ti-Ni alloy systems, Ti-V alloy systems, Ti-Cr alloy systems, Mn-Ni alloy systems, Mn-Co alloy systems, or combinations thereof.

11. (CANCELED)

12. (CURRENTLY AMENDED) The portable heating pack according to claim ~~11~~ 1, wherein said oxide material is intimately mixed with said supercorroding metallic alloy powder.

13. (CURRENTLY AMENDED) The portable heating pack according to claim ~~11~~ 1, wherein said oxide material is an oxide of at least one metal selected from copper, silver, manganese, nickel, zinc, cadmium, or mercury.

14. (CANCELED)

15. (PREVIOUSLY PRESENTED) The portable heating pack according to claim 1 further comprising a high surface area carbon intimately mixed with said supercorroding alloy powder.

16. (CANCELED)

17. (CANCELED)

18. (CANCELED)

19. (CANCELED)

20. (CANCELED)